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STUDIES IN GREEK NOUN-FORMATION

Based in part upon material collected by the late A. W. Stratton, and prepared under the supervision of Carl D. Buck¹

DENTAL TERMINATIONS I. 2

Words in -ās, -āτος And in -ηs, -ητος (Exclusive of those in -τηs, -τητος)

BY CARL D. BUCK

1. Verbal adjectives of the type $\epsilon \dot{\nu} \kappa \rho \dot{a}s$, $\pi \rho o \beta \lambda \dot{\eta}s$.—Of words in $-\bar{a}s$, $-\bar{a}\tau os$ and $-\eta s$, $-\eta \tau os$ the class of most transparent origin is that in which τ is added to a root-form ending in \bar{a} or η ; and with this must be considered the parallel class of the type $\dot{a}\gamma \nu \dot{\omega}s$ from root-forms ending in ω .²

In Sanskrit a similar addition of t is regular in the case of roots ending in a short vowel, e.g. viçva-ji-t- 'all-conquering,' soma-sút- 'soma-pressing,' madhu-kr-t- 'honey-making, bee.' In use and frequency such forms are parallel to what from other kinds of roots are simply root-stems. Like these, they are most frequent as the final member of adjective compounds, which may of course be used substantively. The prevailing force is active, as in the examples cited; passive force, as in deva-cru-t- 'heard by, audible to the gods' is comparatively rare.\(^3\) Forms with t added to a root ending in a long vowel are unknown in Sanskrit, but a few such occur in Avestan, as $d\bar{a}mi-d\bar{a}-t$ - 'creator,' $\theta raot\bar{o}-st\bar{a}-t$ - 'situated in the streams,' and in Latin, as $sacer-d\bar{o}s$, $locu-pl\bar{e}s$.

In Greek the formation with $-\tau$ - has been largely displaced by that with $-\tau\bar{a}$ -, yielding the numerous class of agent-nouns in

¹ See Introductory Note, *CP*. 5. 323 ff. For the present article and the next following, a partial collation of references made some years since by a former pupil, Mr. Edgar Menk, has also been of service.

² Cf. especially Fraenkel, Gesch. d. griech. Nom. ag. auf $-\tau \eta \rho$, $-\tau \omega \rho$, $-\tau \eta s$ (- τ -) 1. 77 ff.

 $^{^3}$ Cf. Whitney, Skt. Gram. §§ 383, II, 1147; Wackernagel, Altind. Gram. 2. 1. 175; and especially Reuter KZ. 31. 190 ff.

 $-\tau \bar{\alpha}s$, $-\tau \eta s$.¹ With a few exceptions,² it has survived only after root-forms ending in \bar{a} , η , or ω , and belonging to that type which represents a monosyllabic form of dissyllabic bases.³ The obvious examples are distributed as follows, the figures indicating the number of compounds, which will be cited in full in the word-list:

1. With inherited, general Greek η :

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-\beta\lambda\dot{\eta}s (13); -\kappa\lambda\dot{\eta}s (1).
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2. With inherited \bar{a} , Ionic or Attic-Ionic η :

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-κρ\bar{a}s (9); -θνήs (5); -τμήs (3); -δμήs (2); -κμήs (7); -τρήs (2).
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3. With ω :

$$-\beta \lambda \dot{\omega} s$$
 (1); $-\beta \rho \dot{\omega} s$ (14); $-\sigma \tau \rho \dot{\omega} s$ (1); $-\tau \rho \dot{\omega} s$ (3) $-\tau \rho \dot{\omega} s$ (1); $-\pi \tau \dot{\omega} s$ (1).

The meaning is partly passive, partly active, e.g., $\dot{\alpha}\sigma\tau\rho\rho\beta\lambda\dot{\eta}s$ 'sun-struck,' but $\dot{\alpha}\sigma\pi\iota\delta\alpha\pi\rho\beta\lambda\dot{\eta}s$ 'throwing away the shield'; $\dot{\alpha}\gamma\nu\dot{\omega}s$ usually 'unknown,' but also 'unknowing,' $\dot{\eta}\mu\iota\beta\rho\dot{\omega}s$ 'half eaten,' but $\dot{\alpha}\nu\delta\rho\rho\beta\rho\dot{\omega}s$ 'man-eating.' But passive force greatly predominates, in notable contrast to the Sanskrit t-forms. Thus, passive are: all in $-\kappa\rho\dot{\alpha}s$, $-\kappa\lambda\dot{\eta}s$, $-\delta\mu\dot{\eta}s$, $-\tau\mu\dot{\eta}s$, $-\tau\rho\dot{\eta}s$, $-\tau\rho\dot{\omega}s$, $-\sigma\tau\rho\dot{\omega}s$, most in $-\beta\lambda\dot{\eta}s$, $-\gamma\nu\dot{\omega}s$, some in $-\beta\rho\dot{\omega}s$. Active (transitive) are: $\dot{\alpha}\sigma\pi\iota\delta\alpha\pi\rho\beta\lambda\dot{\eta}s$, $\dot{\alpha}\gamma\nu\dot{\omega}s$ sometimes, most in $-\beta\rho\dot{\omega}s$, also one each in $-\kappa\mu\dot{\eta}s$, $-\theta\nu\dot{\eta}s$ (see below).

¹ The intimate connection of this class with the simple t-formation has been placed beyond question by Fraenkel, op. cit. But his explanation of the manner in which the extension to $-\tau\bar{a}$ - took place (2. 157 ff = IF. Anz. 29. 63) can scarcely be regarded as adequate. The existence of masculines based upon feminine \bar{a} -stems (rearlas, etc.), in which class may still be reckoned a few of those in $-\tau\eta s$, was probably the chief factor in the transfer.

² Namely, a few in $-\iota$ - τ -, $-\kappa$ - τ -, $-\rho$ - τ -, and ν - τ -, which will be discussed later.

³ Inherited strong-grade forms like $\pi\lambda\eta$ - (Lat. $pl\bar{e}$ -, Skt. $pr\bar{a}$ -), $\beta\lambda\eta$ -, $\gamma\nu\omega$ - (Lat. $n\bar{o}$ -, Skt. $j\bar{n}\bar{a}$ -) and weak-grade forms like $\delta\mu\bar{a}$ -, Att.-Ion. $\delta\mu\eta$ -, beside $\delta\mu\mu\alpha$ - ($\delta\mu\bar{a}\tau\delta s$ = Skt. $d\bar{a}mtd$ -), $\theta\nu\bar{a}$ beside $\theta\alpha\nu\alpha$ -, etc., have contributed alike to what is substantially one type from the Greek point of view and plays a distinct rôle in the verb-system. Whether $\sigma\tau\rho\omega$ - (and similarly $\beta\rho\omega$ -, $\beta\lambda\omega$ -, etc.) represents a strong-grade form parallel to $\gamma\nu\omega$ -, or a weak-grade form with $\rho\omega$ =Lat. $r\bar{a}$ in $str\bar{a}tus$ and Skt. $\bar{i}r$ in stirnd-, according to the view one takes in this disputed question of phonetic correspondence, has no bearing on the function of $\sigma\tau\rho\omega$ - in Greek. But this whole type of root-forms is clearly distinguished in its scope in Greek from the originally monosyllabic roots ending in a long vowel, with weak-grade in a short vowel, like those of $l\sigma\tau\eta\mu$, $l\theta\eta\mu$, $l\theta\omega\mu$. And so also in the derivatives under discussion. There are no compounds in $-\sigma\tau\alpha$, $-\theta\eta$, $-\delta\omega$ (but cf. the rare simplex $\delta\omega$ s 'gift') parallel to the Avestan forms in -stat-, -dat- or Lat. $sacerd\bar{o}s$, but only $-\sigma\tau\alpha\tau\eta$, $-\theta\ell\tau\eta$, $-\delta\delta\tau\eta$ s.

Intransitive, like the verbs from which they are derived, are: $\dot{\alpha}\pi\tau\dot{\omega}s$ 'not falling,' $\dot{\alpha}\gamma\chi\iota\beta\lambda\dot{\omega}s$ 'coming near' (Et. M.) most in $-\theta\nu\dot{\eta}s$, as $\dot{\eta}\mu\iota\theta\nu\dot{\eta}s$ 'half dead,' $\nu\epsilon\circ\theta\nu\dot{\eta}s$ 'just dead,' $\lambda\iota\mu\circ\theta\nu\dot{\eta}s$ 'dead of hunger,' $\chi\epsilon\iota\mu\circ\theta\nu\dot{\eta}s$ 'dead of cold.' So also $\dot{\alpha}\kappa\mu\dot{\eta}s$ 'untiring, unwearied,' $\delta\upsilon\nu$ - $\rho\iota\kappa\mu\dot{\eta}s$ 'afflicted by, slain by the spear,' $\sigma\iota\partial\eta\rho\circ\kappa\mu\dot{\eta}s$ 'slain by the sword,' simply retain the intransitive force of $\kappa\dot{\alpha}\mu\nu\omega$ 'be wearied, afflicted, etc'; while only the late $\nu\epsilon\circ\kappa\mu\dot{\eta}s$ 'newly wrought,' $\alpha\dot{\upsilon}\tau\circ\kappa\mu\dot{\eta}s$ 'self-wrought' are real passives to the secondary transitive use of $\kappa\dot{\alpha}\mu\nu\omega$. The rare transitive use of $-\theta\nu\dot{\eta}s$, $-\kappa\mu\dot{\eta}s$ in $\dot{\alpha}\nu\delta\rho\circ\theta\nu\dot{\eta}s$ 'murderous,' Aesch. Ag. 814, and $\dot{\alpha}\nu\delta\rho\circ\kappa\mu\dot{\eta}s$ 'man-afflicting, man-slaying,' for which there is no corresponding use of the verbs, arose as a pendant to $-\theta\nu\dot{\eta}s$ 'dead,' $-\kappa\mu\dot{\eta}s$ 'afflicted, slain,' under the influence of such parallels as $-\beta\rho\dot{\omega}s$ 'eating,' beside $-\beta\rho\dot{\omega}s$ 'eaten.' That is, we have to do here with a semantic back-formation.

The uncompounded $\beta\lambda\dot{\eta}s$, which is quoted from an unknown poet (Hdn. 2. 121. 21) is probably an artificial abstraction from the compounds.

The forms which are regularly substantives are: $\epsilon \pi \iota \beta \lambda \dot{\eta} s$ 'bolt,' $\kappa \alpha \tau \alpha \beta \lambda \dot{\eta} s$ 'bolt' (Hesyeh.), $\pi \rho o \beta \lambda \dot{\eta} s$ 'headland' (Soph.+; in Homer adjective), and $\sigma \iota \gamma \kappa \lambda \dot{\eta} s$ 'assembly' in Thessalian ($\sigma \iota \iota \nu \kappa \lambda \epsilon \iota \tau o s$ $\gamma \epsilon \iota \iota \sigma s$).

Besides these obvious derivatives of this type, the following in $-\dot{\eta}s$ (those in $-\dot{\omega}s$ will be discussed elsewhere) are to be mentioned in this connection.

"Ιγνητες (see below, p. 185) is a derivative of $\gamma \nu \eta$ - seen in $\gamma \nu \dot{\eta} \sigma \omega s$. Another such would be $\dot{\epsilon} \tau \epsilon \rho \dot{\delta} \gamma \nu \eta s$ (Hdn. 1. 83. 2), but its authenticity is very doubtful.

¹ Similarly Fraenkel, Glotta 1. 275. His later interpretation of the use of ἀνδροθνής and ἀνδροκμής, Nom. ag. 1. 81 ff., is possible, but not necessary.

² For the graduation in the forms of $\pi l \pi \tau \omega$, cf. Meillet, Mém. soc. ling. 13. 44. $\pi \tau \omega$ - belongs properly in the perfect indicative $\pi \acute{\epsilon} \pi \tau \omega \kappa a$ (cf. $\check{\epsilon} \rho \rho \omega \gamma a$ beside $\mathring{\rho} \mathring{\eta} \gamma \nu \nu \mu \iota$, Dor. $\check{\epsilon} \omega \kappa a$ beside $\mathring{\iota} \eta \mu \iota$), but spread at the expense of $\pi \tau \eta$ - and became the usual basis of derivation ($\pi \tau \mathring{\omega} \mu a$, $\pi \tau \mathring{\omega} \sigma \iota s$). $\mathring{a} \pi \tau \mathring{\eta} s$ may be a survival of an earlier formation than $\mathring{a} \pi \tau \mathring{\omega} s$.

χερνήs is probably a compound of $\nu\eta$ - 'spin' (ν έω, ν ήσω), meaning first 'one who spins for daily hire,' 'a handworker,' like χ ερν $\hat{\eta}$ τις Hom. Il. 12. 433, hence 'poor.' Cf. Prellwitz, Et. Wtb.², and Fraenkel, Nom. ag. 1. 87.

δασπλής beside δασπλητις is probably, like $\tau \epsilon \iota \chi \epsilon \sigma \iota \pi \lambda \eta \tau \eta s$, a compound of $\pi \lambda \eta$ - ($\pi \lambda \bar{a}$ -) seen in $\pi \lambda \bar{\eta} \tau o$ to $\pi \epsilon \lambda \dot{a} \zeta \omega$. Cf. the most recent discussion by Bechtel *Lexil. Hom.* 94 ff.

 $\theta \dot{\eta} s$ (from *θ \darka s, cf. Cypr. $\theta \hat{a} \tau a s$) belongs to this type according to the derivation suggested by Brugmann, IF. 19. 388, namely from * $\theta F \hat{a}$ - (cf. $\theta o \dot{\phi} s$, $\theta \dot{v} v \omega$). Against this, Fraenkel, Nom.~ag.~1.~87.

As regards accent, words of this type are regularly oxytone, as in Sanskrit. Instances of a different accent appearing, in the case of a few rare forms, in our texts and lexicons (e.g. in L. and S. $\dot{\alpha}\gamma\chi\dot{\iota}\beta\lambda\omega$ s, $\dot{\alpha}\rho\dot{\iota}\gamma\nu\omega$ s, $\mu\epsilon\lambda\dot{\tau}\kappa\rho$ as, or in Herodian the doubtful $\dot{\epsilon}\tau\epsilon\rho\dot{\epsilon}\gamma\nu\eta$ s), may be safely dismissed as errors. But $\tau\rho\iota\chi\dot{\epsilon}\beta\rho\omega\tau$ es Ar. Ach. 1111 is generally retained, and perhaps rightly, though Wackernagel, Gött. Nachr. 1914. 29, regards this also as "ohne Belang." In contrast to the other compounds in $-\beta\rho\dot{\omega}$ s, all rare and poetical, this seems to have come into ordinary prose use as a substantive denoting moths, worms, etc. (cf. the Scholia to Ar. loc. cit, and Suidas, Pollux, Hesychius). Its substantive use, coupled with the well-known Attic tendency to shift from perispomenon to proparoxytone, may well account for a change of $\tau\rho\iota\chi o\beta\rho\omega\tau$ es to $\tau\rho\iota\chi\dot{o}\beta\rho\omega\tau$ es.

These words belong distinctively to poetic diction, though a few of them are occasionally employed by prose writers. If we ignore the fifteen which are quotable only from lexicographers, grammarians, and scholiasts, we find that of the remainder thirty-seven occur only in poetry, while nine appear in prose writers, namely, $\dot{\alpha}\sigma\tau\rho\sigma\beta\lambda\dot{\eta}s$ Aristot.; $\kappa\epsilon\rho\alpha\nu\nu\sigma\beta\lambda\dot{\eta}s$ Theophr.; $\dot{\eta}\mu\nu\theta\nu\dot{\eta}s$ Thuc., Aesch.; $\nu\epsilon\sigma\theta\nu\dot{\eta}s$ Plato; $\chi\epsilon\iota\mu\sigma\theta\nu\dot{\eta}s$ Luc.; $\dot{\alpha}\kappa\mu\dot{\eta}s$ Paus., Dion. H., Plut.; $\nu\epsilon\sigma\beta\rho\dot{\omega}s$ Hipp.; $\dot{\alpha}\tau\rho\dot{\omega}s$ Paus. (4. 8. 5, emendation); $\dot{\alpha}\pi\tau\dot{\omega}s$ Plato, M. Aurel. The only one occurring in prose inscriptions, and evidently a word of ordinary use, is the substantive $\sigma\nu\gamma\kappa\lambda\dot{\eta}s$ 'assembly' in Thessalian.

2. Nouns and adjectives of the type $\kappa \epsilon \lambda \eta s$, $\lambda \epsilon \beta \eta s$ ($\dot{\alpha} \rho \gamma \dot{\eta} s$).—The source of this type is by no means so clear as that of the preceding. The most probable connection is with forms pointing to an IE. -et-, that is -e-t- with t added to thematic verb-stems, as Lat. teres -etis,

teges -etis, seges -etis, etc., Skt. $v\bar{a}gh\acute{a}t$ -, $srav\acute{a}t$ -, $vah\acute{a}t$ -, and some Celtic and Germanic forms. Cf. Brugmann, $Grd.^2$ 2. 1. 425. These show the same variety of use as other t-formations, comprising feminine abstracts (Skt. $srav\acute{a}t$ - 'stream,' $vah\acute{a}t$ - 'vehicle,' etc.), verbal adjectives with passive (Lat. teres 'rounded off') or active meaning, and nomina agentis. It is this last use as seen in Skt. $v\bar{a}gh\acute{a}t$ - 'institutor of the sacrifice,' that agrees with that prevailing in Greek. The -et- would be preserved in Greek only in Hom. $\acute{a}\rho\gamma\acute{e}\tau \iota$, $\acute{a}\rho\gamma\acute{e}\tau a$ beside $\acute{a}\rho\gamma\acute{\eta}\tau\iota$, $\acute{a}\rho\gamma\acute{\eta}\tau a$, and in derivatives like $\pi\epsilon\nu\acute{e}\sigma\tau\epsilon\rho\sigma$ s beside $\pi\acute{e}\nu\eta s$. The otherwise regular $-\eta\tau$ - would represent a generalization of a strengthened grade $-\bar{e}t$ -, of which there is some other evidence, as Avest. $fra-\check{e}ar\bar{a}t$ - 'moving forward.'¹

Examples of the most distinctive use, namely as nomina agentis, are: $\kappa \epsilon \lambda \eta s$ 'courser' (but $\kappa \epsilon \lambda \eta \xi$ in Laconian), $\pi \lambda \dot{\alpha} \nu \eta s$ 'wanderer,' $\gamma \dot{\alpha} \eta s$ 'howler,' $\beta \dot{\epsilon} \rho \rho \eta s$ ' $\delta \rho \dot{\alpha} \pi \epsilon \tau \eta s$ Hesych. (to $\ddot{\epsilon} \rho \rho \omega$), $\pi \dot{\epsilon} \nu \eta s$ 'poor man,' to which $\ddot{\epsilon} \chi \eta s$ 'man of substance' (Et. M.) is a pendant. So also $\dot{\epsilon} \rho \pi \dot{\eta} s$ 'shingles' is the disease that 'creeps' ($\ddot{\epsilon} \rho \pi \omega$) over the body, and $\lambda \dot{\epsilon} \beta \eta s$ 'basin, kettle,' though the root connection is unknown, was probably 'receiver' or the like, with the familiar application of nomina agentis to utensils as in $\kappa \rho \dot{\alpha} \tau \eta \rho$, Eng. mixer, boiler, etc.

After the analogy of words like $\pi \dot{\epsilon} \nu \eta s$, and also of $\chi \epsilon \rho \nu \dot{\eta} s$ (above, p. 176), were formed secondary derivatives denoting persons of a certain condition. A special group consists of military terms, as $\kappa o \dot{\nu} \rho \eta \tau \epsilon s$ 'young warriors' from $\kappa o \dot{\nu} \rho \rho \iota s$; 'light-armed soldier' from $\gamma \nu \mu \nu \dot{\rho} s$; $\psi \iota \lambda \dot{\eta} s$ (Aesch.) from $\psi \iota \lambda \dot{\rho} s$, though the latter was commonly used in this specialized sense without change of form; further, * $\dot{\delta} \pi \lambda \dot{\eta} s$, implied by " $O \pi \lambda \eta \tau \epsilon s$, beside usual $\dot{\delta} \pi \lambda \dot{\iota} \tau \eta s$, and $\delta o \dot{\nu} \rho \eta s$ Hdn.

¹ According to a totally different view -ητ- represents an extension of original ē-stems, both in the appellatives and in the proper names. Cf. Bechtel, Gött. Gel. Anz. 1886. 378 ff., Personennamen 23 ff., Schulze, Ber. Berl. Akad. 1910. 807 (but the particular etymological combination there asserted is withdrawn KZ. 40. 287), Fraenkel, Nom. ag. 2. 200, and for the proper names also R. Meister Ber. Sächs. Ges. 1909. 8 ff. But there is no respectable evidence for the existence of an IE. class of ē-stems. Cf. Sommer, die idg. iā und io-Stämme in Baltischen (Abh. Sächs. Ges. 1914) 14. If the status of IE. ē-stems was weak enough even with the support of the almost universally recognized class of IE. iē-stems, it is doubly precarious, now that the chief foundation for the belief in the latter has been shaken by Sommer's investigation. Furthermore, the stock example to show the extension of an ē-stem in Greek, μυκητ-, is not one of the typical words in point of usage, and is not an extension of an ē-stem, but of an ā-stem (see below, p. 178). For the proper names, see also below, p. 183.

2. 680. 34,1 which is doubtless quoted from some poet who used it in the sense of 'spearman.' A similar derivative is probably concealed in the obscure Hesychian gloss. $\delta \epsilon \rho \mu \eta \tau \epsilon s$: oi $\epsilon \xi \epsilon \phi$ ' $\dot{\eta} \mu \hat{\omega} \nu^2 \pi \epsilon \rho \iota \sigma \sigma \delta$.

From γλοιός 'slippery, knavish' comes γλοίης, used of a vicious horse (Hesych.) or person (Hdn. 2. 680. 16. Et. M.). ἀμενής 'weak' gives rise to ἀμένης 'weakling' (Hdn. 2. 684. 3 σημαίνει δὲ τὸ παιδίον διὰ τὸ μὴ ἔχειν μενος). δηλής, δειλῆτος, Hdn. 2. 682. 27, is intended for a similar derivative of δειλός 'cowardly.' λιπερνής in the phrase & λιπερνῆτες πολῖται Archil., copied in Crat. Πυτίνη (cf. Meineke 2. 124), is a transfer from an σ-stem form, if the ancient derivation from ἔρνος (Suidas) is correct, as is probable. ὑψικέρης, Hdn. 2. 683. 39, if genuine is a transfer to this type from the stem ὑψικερᾶτ-(above, p. 26, n. 1), rather than an Ionic form of the same.³

The influence of the *nomina agentis* may also be recognized in $\phi \dot{\alpha} \lambda \eta s$ (Ar., Theorr.) = $\phi \alpha \lambda \lambda \dot{\delta} s$, and in such rare by-forms of adjectives as $\delta o \rho \nu \sigma \sigma \dot{\delta} \eta s$ (Soph.) = $\delta o \rho \dot{\nu} \sigma \sigma \sigma \dot{\delta} s$, εὐκραιρήs (Maxim.) = εὕκραιροs, and $\pi \dot{\alpha} \chi \eta s = \pi \alpha \chi \dot{\upsilon} s$ ($\pi \dot{\alpha} \chi \eta \tau \iota$ Evagr. H.E. 4. 7; $\pi \dot{\alpha} \chi \eta \tau \epsilon s$ πλούσιοι, $\pi \alpha \chi \epsilon \hat{\iota} s$ Hesych.; cf. also Suidas, who makes a fictitious differentiation from $\pi \alpha \chi \dot{\upsilon} s$, and Tzetz., Hist. 9. 304).

The remaining words have no resemblance in use to the preceding, and are mostly of obscure, in part clearly foreign, origin. The τ-inflection is secondary in σής 'moth,' gen. σεός, later σητός (Menand.+); in μύκης 'mushroom,' etc., gen. μύκεω Archil. 46 Bergk (cf. also nom. pl. fem. μύκαι Epich. 155 Kaibel), later μύκητος (Ar.+).

Beside μάσθληs, Lesb. μάσληs 'leather, thong of a whip, etc.' occurs μάσθλη (Hesych.), which may be a blend of iμάσθλη with μάστιξ (so Prellwitz, BzB. 26. 305). ἄμηs, a sort of milk-cake, is of unknown origin. ἀλάβηs (cf. alabetes Pliny), a fish of the Nile, is of course borrowed. τάπηs 'carpet, rug,' is of Persian origin (cf. Mod. Pers. tāf-tan 'spin') and probably furnished the model for κάνηs 'reed mat' (cf. κάνειον 'reed basket').

 $\dot{\epsilon}\sigma\theta\dot{\eta}s$ 'clothing,' is isolated by its form ($\dot{\epsilon}\sigma\theta\dot{\alpha}s$ in Pindar) and feminine gender, and is certainly a stranger in the ranks. It is

 $^{^1}$ But μούρηs in the same passage is wholly obscure. Hilgard, Choerob. 1. 161. 6, takes both words as proper names.

² The correction to $\dot{\epsilon}\phi\dot{\eta}\beta\omega\nu$ is probable, but leaves the definition still obscure.

³ Cf. J. Schmidt, Pluralbildung 367.

best explained as an early blend of the rare neuter $\tilde{\epsilon}\sigma$ - θ os, formed like $\pi\lambda\hat{\eta}$ - θ os, and a derivative containing the suffix $-\tau\bar{\alpha}\tau$ -, $-\tau\eta\tau$ -.

The accent of all words of this type was originally on the final syllable (of the nominative singular) as uniformly in Sanskrit ($v\bar{a}gh\acute{a}t$, etc.), and as in the verbal adjectives like $\pi\rho\sigma\beta\lambda\dot{\eta}s$. But in Greek this was shifted to the preceding syllable when short, as in $\kappa\epsilon\lambda\eta s$, $\pi\epsilon\nu\eta s$, etc.² Words with long penult regularly remained oxytone, as $\dot{a}\rho\gamma\dot{\eta}s$, $\dot{\epsilon}\sigma\theta\dot{\eta}s$, $\gamma\nu\mu\nu\dot{\eta}s$, $\psi\bar{\iota}\lambda\dot{\eta}s$, $\chi\epsilon\rho\nu\dot{\eta}s$, but several follow the analogy of the larger class, e.g., $\kappa\sigma\nu\rho\eta s$, $\gamma\lambda\sigma\nu\eta s$, $\mu\dot{a}\sigma\theta\lambda\eta s$, if their accentuation is authentic. $\dot{\epsilon}\rho\pi\dot{\eta}s$ is so accented by Herodian (2. 682. 24), agreeing with the general rule, but $\dot{\epsilon}\rho\pi\eta s$ is also common in MSS.

3. Personal names like Mév η s, Φ é $\rho\eta$ s.—This class of hypocoristic personal names is obviously based upon the appellatives denoting persons, such as π é $\nu\eta$ s, $\pi\lambda$ á $\nu\eta$ s, etc. The great majority, constituting the normal type, are names of two syllables in the nominative.³

The names include those of (a) heroes of Greek legend, (b) Greek citizens, (c) foreigners.

- a) Legendary heroes: Κέλης (Ath. 442a), Τέλης; Φάνης, Φέρης, Μύλης, Μέγης (Hom. acc. -ην beside -ητα), Σέβης, "Οπλης, "Υπέρης, 'Ήπιάλης (Sophron 70 Kaibel=Hdn. i. 69. 14; or Έπιάλης Hdn. i. 69. 13), 'Αφάρης (Hdn. 2. 639. 5, now directly attested by 'Αφάρητα Bacch. 5. 129; cf. also 'Αφαρητίδαι Pind. N. 10. 65 and 'Αφαρητιάδαι Ap. Rhod. 1. 151). The name of the giant Γύγης (=usual Γύης) has gen. Γύγητος according to Hdn. 2. 78. 27.
- b) Greek citizens: The type is most prevalent in Attic. Such Athenian names, most of them very common (cf. Kirchner, Prosopographia Attica), are: Κράτης, Λάχης, Μάγνης, Μέλης, Μένης, Πάχης,

¹ So Schwyzer, IF. 30. 443. But the assumption that * $\epsilon \epsilon \sigma - \tau \bar{\alpha} \tau$ - arose by haplology from * $\epsilon \epsilon \sigma \tau \sigma - \tau \bar{\alpha} \tau$ -, as $\pi \sigma \tau \eta$ s from * $\pi \sigma \tau \sigma - \tau \bar{\alpha} \tau$ -, is not an easy one. Haplology is natural in * $\pi \sigma \tau \sigma \tau \bar{\alpha} \tau$ -, but not for * $\epsilon \tau \sigma \tau \bar{\alpha} \tau$ - any more than for $\epsilon \tau \sigma \tau \bar{\alpha} \tau$ -, $\epsilon \tau \sigma \tau \bar{\alpha} \tau$ -, setc.

² This change probably originated in the case-forms which had the metrical value $\sim - \sim$, in which there was a marked tendency to recessive accent. Cf. Vendryes, *Mém. Soc. ling.* 13, 221 ff., Brugmann *IF.* 22, 176.

³ Exceptions are: 'Υπέρης, 'Αφάρης, 'Ηπιάλης, Κεφάλης (Hdn. 1. 69. 14, 2. 684. 1; cf. Boeot. Κεφάλλεις nom. only, and Eretr. Κεφαλήτης), 'Αγέλλης (below, p. 180), Pamph. Μεγάλεις, 'Αγάθεις (below, p. 180). Compounds do not follow this type, which is distinctly hypocoristic, and in Θ ειομένης Schol. Ap. Rhod. 1. 131 the τ -inflection instead of the usual σ -inflection is an intrusion from that of Μένης. But compounds occur in the related Boeotian type, for which see below, p. 182.

⁴ The eponym abstracted from the Athenian " $0\pi\lambda\eta\tau\epsilon$ s. For " $0\pi\lambda\eta$ s as a man's name in Pisidia, see below, p. 184.

Φάνης, Χάρης, Χρέμης. 'Αγγέλης occurs only in the nominative in Attic (IG. 2. 2100), but cf. Rhod. gen. 'Αγγέλητος (IG. 12. 1. 764. 27), while the σ-stem forms seen elsewhere may be secondary (see below, 183). $\Delta \rho \dot{\alpha} \kappa \eta \varsigma$, Ar. Lys. 254, Eccl. 294, occurs elsewhere only in Ael. Ep. 4 ($\Delta \rho \dot{\alpha} \kappa \eta \tau \iota$). Τρόμης, Dem. De cor. 130 is perhaps only the malicious invention of the orator. (To these Athenian names the appropriate dog's name $\Lambda \dot{\alpha} \beta \eta \varsigma$ Ar. Wasps 836 may be appended.)

Many of these Athenian names occur also with more or less frequency in various other dialects, namely $K\rho\dot{\alpha}\tau\eta s$, $\Lambda\dot{\alpha}\chi\eta s$, $M\dot{\epsilon}\lambda\eta s$, Μένης, Φάνης, Χάρης, 'Αγγέλης. Cf. also Thess. Φρόνης (gen. Φρό- $\nu \bar{\epsilon} \tau os$ in a fifth-century inscription, JHS. 33. 313), Meg. $T \hat{\epsilon} \lambda \eta s$ (IG. 7. 8-11), Astyp. $\Phi \epsilon \rho \eta s$ (IG. 4. 1418.; 12. 3. 212; 12. 5. 2. 1003), $T\dot{\nu}\chi\eta s$ of unknown origin (IG. 14. 2011), Arc. $\Pi\dot{\alpha}\nu\eta s$ (?), Arg. Τρύγης, and the Pamphylian forms of the originally Phrygian name Mάνης, namely Μάνες, gen. Μάνετυς (Lancoronski 1. No. 54), in later spelling Μάνεις, gen. Μάνειτυς (ibid. Nos. 83, 86, 87), of the otherwise unknown Μεγάλης, namely, nom. Μλειάλε, dat. Μλειάλετι (ibid. No. 54, later gen. Μεγάλειτυς (ibid. No. 75), further gen. Fέκειτους (ibid. No. 89; Fέκης otherwise unknown), gen. Ζώρειτους (ibid. No. 84; cf. Cypr. Zώfns, Lesb. Zώns), 'Αγάθεις (ibid. No. 83, nom. only, but probably belonging here). Cf. also in literary sources Boeot. Κέβης (Xen., etc.), Γέρης (Strabo, Paus.), Arc. Σμίκρης (Xen.), Acarn. Κύνης (Thuc.), and in Suidas Πόλλης of Aegae, Κόρης, Χέρης, Πάσης.

The fact that these names follow the τ -inflection in the Attic writers and later lexicographers is, of course, not conclusive evidence of their native inflection. And of the numerous examples of τ -forms in dialect inscriptions the great majority are not early enough to preclude the possibility of Attic influence. But the Thessalian

¹ Only nom. Πανές IG. 5. 2. 387, which the editors take as Πανής contracted from Πανέας, while R. Meister, Ber. Sächs. Ges. 1909. 10 takes as Πάνης. This is more probable, likewise Arg. Τρύγης rather than Τρυγής (as editors, BCH. 27. 270; 33. 171, thoughtlessly followed in my Grk. Dial. No. 82). For while names in -ῆς from -eās are attested from an early period in Ionic and in some of the Doric islands (cf. my Grk. Dial. § 42. 2), they are unknown in the Peloponnesus, except for late and obviously imported Έρμῆς, ᾿Απελλής, etc. In Arcadian a Πανής would stand alone against about eighteen names in -εas, many occurring with great frequency (e.g. Δ αμέας 18 times). An Arg. Τρυγής would stand alone, except for late Έρμῆς, ᾿Απελλής, against about a dozen forms in -εas.

and Pamphylian forms at any rate are beyond suspicion, and as the τ -inflection agrees with that of the legendary names in Homer and in Doric poetry, and furthermore, with that of the appellatives, there is every reason to regard this as the original Greek type, and to accept the τ -forms as normal in all dialects where there is no evidence to the contrary.¹ But in some dialects there is such evidence.

In Ionic inscriptions the τ -inflection is almost unknown, and the few examples are best attributed to Attic influence. Thus from Xάρης we find gen. Xάρητος in SGDI. 5692a 34 (about 278 B.C.) and 5437. 6 (second century B.c.), but $X \acute{a} \rho \epsilon \omega$ 5495. 30 (early fifth century B.C.). From Κράτης SGDI. 5515 (before 353 B.C.) has gen. Κράτητος 1. 48, but Κράτευς 1. 15, while Diog. L. 8. 1. 25 has Κράτεω. Other such names show only the vowel inflection, as Φάνης, gen. Φανέω ibid. 5515. 10, Eretr. Φάνου 'Αρχ. 'Εφ. 1911. 11 (where also Μένου); Πύρης, gen. Πύρεω 5680 (cf. Πύρητος τοῦ Μιλησίου Athen. 620e). Tέλληs, gen. Tέλλεω Delphin. in Milet 122. II. 59 (cf. Meg. Tέλητος) Π ίγρης, gen. Π ίγρεω 5727a 28 (a foreign name, but declined as a τ-stem in Attic writers), Κόμης, gen. Κόμεω in Hipp. (cf. Κόμητα CIG. 8901, Hdn. 2. 679. 23). So it must be recognized as the normal Ionic practice that names which correspond to Att. Xάρης, etc., follow the analogy of names of the first declension, so that the two classes become indistinguishable.2

The statement of Moeris that $\theta a \lambda \hat{\eta} s$ is Attic and $\theta \dot{a} \lambda \eta s$, $\theta \dot{a} \lambda \eta \tau o s$ Hellenistic is an approximately true picture of the literary practice.

¹ Otherwise Fick-Bechtel, Gr. Personennamen 23 ff.; R. Meister, Ber. Sächs. Ges. 1909. 8 ff. See above, p. 177, and below, p. 183.

² A large class of names in $-\eta s$ is commonly regarded as resulting from contraction of those in $-\epsilon \bar{\alpha} s$, and accordingly accented $-\hat{\eta} s$, e.g. $\theta a \lambda \hat{\eta} s$, 'Απελλ $\hat{\eta} s$, etc., so explained and accented by Herodian 1. 65. 9. This whole assumption is discredited by R. Meister, Ber. Sächs. Ges. 1909. 9 ff. But even if we accept the traditional accentuation of $\theta a \lambda \hat{\eta} s$ as correct, it is impossible to determine just which names should be classed with it, and the editors' accentuation of many of those occurring in the Ionic inscriptions is necessarily arbitrary (e.g. Σώτηs or Σωτ $\hat{\eta} s$?). The extreme view that all the Ionic forms with vowel declension are perispomena, and that we should accent $X a \rho \hat{\eta} s$ because of $X a \rho \epsilon \omega$ (so Wilamowitz, Ber. Berl. Akad. 1904. 621) is the least likely of all.

Another question of accent, again assuming the correctness of $\Theta \alpha \lambda \hat{\eta} s$, is that of the τ -forms employed by later writers. Here we have the authority of Herodian for $\Theta d\lambda \eta s$, $\Theta d\lambda \eta \tau os$ (2. 683. 10) but also $\Pi o\delta \hat{\eta} \tau os$ (2. 683. 12). It is at best only a matter of convention. The accentuation of the numerous Egyptian proper names in the papyri is a separate question. Cf. Mayser 274 with references.

But the Hellenistic usage simply shows the final absorption of the name into the normal Attic type of $M\acute{e}\nu\eta s$, etc., while the older Attic writers, as well as some of the Hellenistic, retain the Ionic vowel inflection.

In Boeotian there are a few examples of names in -ειs, gen. -ειτοs (Boeot. ει = Att. η), as Κράτεις, Κράτειτοs (IG. 7. 1728, 2714), Φάνεις, Φάνειτος (ibid. 1752). These are possibly due to Attic influence. At any rate the usual Boeotian type is that with consonant doubling and nominative in -ει or -ειs, genitive in -ιος, e.g., nom. Θάλλει and Θάλλεις, Φίλλει and Φίλλεις, Ξέννει, Μέννει, Μνασίλλει, etc. (full list of those in -ει in Sadée, de Boeot. tit. dial. 50 ff.), gen. Τέλλιος, Φίλλιος, Ξέννιος, Μνασίλλιος, Τιμόλλιος, etc.

The probable explanation of this type is as follows. The genitive in $-\omega s$ (=- $\epsilon o s$) was formed after the analogy of σ -stems, just as $K\rho \delta \tau \epsilon \upsilon s$ etc. in various other dialects (below, p. 183). The names now shared in such changes of original σ -stem proper names, under the influence of those of the first declension, as are observed in certain other dialects (cf. my *Greek Dialects* § 108. 2). Hence acc. $\Delta \alpha \iota \mu \mu \epsilon \iota \nu$ like $\Delta \alpha \mu \sigma \epsilon \lambda \epsilon \iota \nu$, and the vocative in $-\epsilon \iota$ (for η , cf. Arc. $\Delta \tau \epsilon \lambda \eta$), which is the probable source of the nominative in $-\epsilon \iota$ and of the consonant doubling throughout. Even in the genitive we find an isolated parallel to Lesb. $M \epsilon \nu \eta$, $\Theta \epsilon o \gamma \epsilon \nu \eta$, Cret. $\Delta \kappa \iota \mu \epsilon \nu \eta$, etc., in $T \epsilon \lambda \lambda \eta$ $\Theta \eta \beta \alpha \iota \nu$ in a Delphian inscription (SGDI. 2502. 92. 110; cf. Ion. $T \epsilon \lambda \lambda \epsilon \omega$, above, p. 181).

While the Boeotian type is in its origin, we are convinced, identical with that of Att. Μένης, it spread far beyond its usual limits in the case of the numerous longer names like Μνασίλλει, Εὐνόμμει, 'Αθανίκκει, etc.

In Lesbian, where all the examples are late, there are a few instances of τ -inflection, as $M\acute{\epsilon}\nu\eta\tau\sigma$ s, $K\rho\acute{a}\tau\eta\tau\sigma$ s, $K\acute{a}\mu\eta\tau\sigma$ s (so probably $K[\acute{a}]\mu\iota\tau\sigma$ s IG. 12. 2. 532; cf. $K\acute{a}\iota\mu\mu\eta$ below) perhaps due to Attic influence. Usually such names show the same inflection as the σ -stem proper names, namely as η -stems following the analogy of \bar{a} -stems. Thus gen. $M\acute{\epsilon}\nu\eta$, $\Phi\acute{a}\nu\eta$, $T\acute{\epsilon}\iota\mu\eta$, $K\acute{a}\iota\mu\mu\eta$, $Z\acute{\omega}\eta$, are parallel to gen. $\Theta\acute{\epsilon}\circ\gamma\acute{\epsilon}\nu\eta$, $\Delta\iota\circ\phi\acute{a}\nu\eta$, $E\chi\epsilon\kappa\rho\acute{a}\tau\eta$, etc. Cf. my Greek Dialects, § 108. 2 and Hoffmann 2. 548.

In Cyprian there are three genitive forms which in all probability belong to names of the $M\dot{\epsilon}\nu\eta s$ type, namely $\Pi i\gamma\iota\rho\bar{\epsilon}Fo$ (cf. $\Pi i\gamma\rho\eta s$,

gen. $\Pi i \gamma \rho \eta \tau os$ in Attic writers, Ion. $\Pi i \gamma \rho \epsilon \omega$), $\Phi i \lambda \bar{\epsilon} Fo$ (cf. Boeot. $\Phi i \lambda \lambda \epsilon \iota$), and $T \iota \mu \dot{\alpha} \sigma \bar{\epsilon} \nu$. Cf. R. Meister, Ber. Sächs. Ges. 1909. 8 ff.; 1911. 25, 37. The F in the last two forms represents the glide sound before o, as in Cypr. $T \iota \mu o \chi \dot{\alpha} \rho \iota Fos$, Corcyr. $T \lambda a \sigma i a Fos$, etc.; and the genitive formation is parallel to that of the masculine \bar{a} -stems ($-\bar{\epsilon} \nu$ to the usual Cyprian $-\bar{a} \nu$, $-\bar{\epsilon} [F]o$ to its antecedent $-\bar{a} o$).

Meister finds in these Cyprian forms confirmation of the view that names like $M\acute{e}\nu\eta s$ were originally vowel stems. But for those who are convinced that the τ -inflection is original (see above, p. 177) there is no difficulty in regarding the vowel inflection here, and in Ionic and Lesbian, as secondary, due to the analogy of the masculine \bar{a} -stems, just as the vowel inflection of σ -stem names in Lesbian and elsewhere (cf. my *Greek Dialects* § 108. 2) must be so regarded.

Besides the confusion with the vowel declension, as seen in Ionic, Lesbian, Cyprian, and occasionally elsewhere, there is some confusion with σ -stem names in - η s. The transfer to the σ -declension in Boeotian has already been noted. Cf. also Ion. gen. $K\rho\dot{\alpha}\tau\epsilon\nu$ s (SGDI. 5515. 15), Rhod. $K\rho\dot{\alpha}\tau\epsilon\nu$ s (IG. 12. 1. 1338), Ther. $K\rho\dot{\alpha}\tau\epsilon\nu$ s with Attic -ovs (IG. 12. 3. 659); Ion. gen. $\Lambda\gamma\gamma\epsilon\lambda\epsilon\nu$ s SGDI. 5668, Lac. acc. $\Lambda\gamma\gamma\epsilon\lambda\eta$ (IG. 5. 1. 931), compared with Rhod. $\Lambda\gamma\gamma\epsilon\lambda\eta\tau\sigma$ s; Rhod. Máνενs (SGDI. 4245, 534), $K\dot{\sigma}\tau\epsilon\nu$ s (IG. 12. 1. 1337), foreign names which also appear with τ -inflection; Lesb. Z $\dot{\omega}\sigma\nu$ s (IG. 12. 2. 35, etc.) with Att. -ovs, contrasted with Z $\omega\eta$, Pamph. Z $\dot{\omega}\epsilon\iota\tau\sigma\nu$ s.

The analogy of names in $-\kappa\lambda\hat{\eta}s$, gen. $-\kappa\lambda\acute{\epsilon}ovs$ is very often followed by other names in $-\eta s$ in the papyri and in inscriptions of Asia Minor, e.g., gen. $A\pi\epsilon\lambda\lambda\acute{\epsilon}ovs$ to $A\pi\epsilon\lambda\lambda\hat{\eta}s$, gen. $O\pi\lambda\acute{\epsilon}ovs$, Moλ $\acute{\epsilon}ovs$ beside $O\pi\lambda\eta\tau os$, M $\acute{\epsilon}\lambda\eta\tau os$, etc. Cf. Mayser 281, Crönert 162 ff., Kretschmer 423.

Conversely, vowel stem and σ -stem names sometimes appear in late times with τ -forms, e.g. ' $E\rho\mu\hat{\eta}\tau$ os pap. Goodspeed No. 30, passim; ' $H\rho\alpha\kappa\lambda\hat{\eta}\tau\iota$ IG. 14. 1001; ' $A\pi\epsilon\lambda\lambda\hat{\eta}\tau$ os pap. Ox. No. 53; $E\dot{\nu}\tau\nu\chi\hat{\eta}\tau$ os, pap. Brit. Mus. 2. p. 254, 29. Cf. Crönert 162 ff., and also below, p. 186.

c) Names of foreigners: How far the representation by forms of the $M\dot{\epsilon}\nu\eta s$ type is based upon the presence of t in the original names is often not to be determined. But this is clearly the case with those taken from Egyptian, where one of the commonest types

of names is that in -et, as Beket, Khampet, Menkhet, Phanet, etc. Aside from those occurring in Greek writers, as $M\acute{\nu}\delta\eta s$, $T\acute{\alpha}\gamma\eta s$, $M\acute{\eta}\nu\eta s$, the papyri are full of such names, which regularly follow the τ -inflection, but also, very frequently, the analogy of Greek names in $-\kappa\lambda\hat{\eta}s$. Cf. Mayser 274 and 281.

Asia Minor names which in their Greek transcription follow the τ -inflection, either regularly or occasionally, probably owe this simply to the analogy of Greek names like Mévns, and were originally vowel stems. Such are Trojan Δάρης and Μύνης of Lyrnessus in Homer, Lydian $K\dot{\alpha}\mu\beta\lambda\eta s$ in Attic writers, and $B\dot{\alpha}\mu\beta\lambda\eta s$ Hdn. 2. 680. 8, which is also perhaps Lydian, Phrygian Γύης Hdn. 1. 59, 22. Carian and Lycian Πίγρης has gen. Πίγρητος in Attic writers, Ion. Π ίγρεω, Cypr. Π ίγιρε το (above pp. 181, 182), while Π ιγρέους (JHS. 34. 3. No. 5) shows the late type so frequent in Asia Minor (above p. 181). Máv η s, probably Phrygian (Kretschmer 198), has τ -inflection in Pamphylian (above, p. 180) and in Pisidia (Μάνειτος, also Μανέους, Lancoronski 1. Nos. 91, 150). Μόλης (also written Μώλης), very frequent in inscriptions of Lycia, Pisidia, and Cilicia, has usually Mόλητος, but also Moλέους; cf. Kretschmer 360, and, for Cilicia, Heberdey and Wilhelm, Reisen in Kilikien No. 220 (Μόλητος, Μόλητι). " $0\pi\lambda\eta s$, gen. " $0\pi\lambda\eta\tau os$ and ' $0\pi\lambda\epsilon ovs$, acc. " $0\pi\lambda\eta\tau\alpha$, dat. " $0\pi\lambda\eta$, in inscriptions of Termessus (cf. Lancoronski 2. Index, BCH. 23. 183-86, 292-96), in spite of its Greek appearance, whence the usual transcription with ', is probably only the adaptation of a foreign name. Κότης (Κόττης), found in inscriptions of Pisidia (Κοττέους Lancoronski 2. Nos. 32, 92), etc., passed to Rhodes (gen. Kότευs IG. 12. 1. 1337) and its colonies, showing gen. Kó $\tau\eta\tau\sigma$ os at Agrigentum (IG. 14. 952). Σύκης, gen. Σύκητος in Pisidia (Lancoronski 2. No. 1). Lycian $T\rho\epsilon\mu i\lambda\eta s = Tr\tilde{m}mili$ has gen. $T\rho\epsilon\mu i\lambda ov$ and $T\rho\epsilon\mu i\lambda\eta \tau os$ according to Hdn. 1. 69. 19.

Bάγηs, a Scythian (Iranian) name in inscriptions of the Euxine, usually follows the first declension, but gen. Bάγητοs also occurs Latyshev 2. 402. 40. The τ -inflection of Naρση̂s has no foundation in the Persian form (Justi., Iran. Namenbuch 221 ff.). Macedonian Bέρηs corresponds to Grk. Φέρηs. Φέλληs, name of a king of Tyre, is made to follow the Μένηs type by Josephus, contra Apionem 1. 123. Μόργηs is the eponym abstracted from the Oenotrian Μόργητεs.

- 4. Ethnica.—The Rhodian "Ιγνητές (Apoll. Dysc., Hdn., Hesych., Steph. Byz.) were ίθαγενεῖς (Hdn. 1. 401. 21), οἱ γνήσιοι Ῥόδιοι (Hdn. 2. 678. 9), and the name is from *έν-γνητες 'indigenae,' a verbal adjective of the $\pi\rho\rho\beta\lambda\dot{\eta}s$ type (above, p. 175). The name of the Athenian tribe $0\pi\lambda\eta\tau\epsilon s$ rests upon an appellative $\delta\pi\lambda\eta\tau\epsilon s$ parallel to γυμνητές; and that of the Κουρητές of Pharon, there is no good reason to doubt, upon κούρητες. Κρητες and Μάγνητες are of unknown origin, very likely pre-Hellenic. The inhabitants of the Boeotian Φαραί were called Φάρητες (Steph. Byz.). The majority of ethnica of this type are foreign. Thus the Libyan Φρητές, Aethiopian Νίγρητές, Pisidian "Ορβλητές (φυλης "Ορβλητος Lancoronski 2. No. 15), Maeotian Τάρπητες, German Νέμητες, Oenotrian Μόργητες, Iberian Κύνητες, Κέρητες, Μίσγητες, "Εσδητες, $\Gamma\lambda\hat{\eta}\tau\epsilon$ s ($T\lambda\hat{\eta}\tau\epsilon$ s is probably an error for the same, cf. Hdn. 1. 402. 5 with footnote) or Ἰγλητες (Strabo 166). Τριτωνομένδητες and Καυλομύκητες are inventions of Lucian.
- 5. Geographical names.—The great majority of these are foreign. The one obvious Greek derivative is Plato's name for a river in Hades, ' $\Lambda\mu\epsilon\lambda\eta s$. There are only a few which designate localities in Greece proper, as " $\Lambda\rho\eta s$, place in Euboea (St. Byz.), $X\delta\rho\eta s$, river in Argolis (Plut. Arat. 28), $M\delta\sigma\eta s$, town in Argolis (Hom.+). M $\delta\eta s$ (St.
- ¹ Cf. Solmsen, Beiträge zur griech. Wortforschung 215; Blinkenberg, Hermes 50. 274 ff. The name was probably that which the pre-Dorian inhabitants of Rhodes gave to themselves (so Blinkenberg), and thus the parallelism with Arcadian-Cyprian t_{r-} is not accidental. The uncompounded $\Gamma \nu \dot{\eta} s$ is less well attested, and probably a fabrication of the grammarians, induced by the relation of T_{r-} T_{r-}
- ² The recessive accent of "Ιγνητες and "Οπλητες is normal in the proper names. The differentiation between κούρητες and Κουρῆτες, as stated by Herodian (1. 63, 26; 2. 640. 23), is the opposite of what would be expected, and is open to suspicion. Cf. Fraenkel, Nom. ag. 2. 200. Besides its ethnic use, Κουρῆτες designates a class of semi-divine beings, and in this sense appears as Κωρῆτες in Cretan (SGDI. 5039, 5041, 5075), a form which confirms the connection with κούρητες from κοῦροι (cf. Cret. κώρα = Ion. κούρη). It also denotes a priestly body at Ephesus (SGDI. 5589; cf. πρωτοκούρης, Gr. Insc. Brit. Mus. 3. 2. p. 319).
- ³ With its old compound Έτεδκρητες (Hom.+), and the later Νεόκρητες (Polyb.) and ἡμικρῆτες (Lycophron 150, but accent?). Έγκρης Hdn. 1. 64. 29; 2. 681. 15= Choerob. 1. 161. 29 is an error for Έτεδκρης. Cf. Lobeck. Paralip. 81, and Hilgard, Choerob. loc. cit. and 1. 186. 36.
- ⁴ Μάσης from Μάνσης now quotable in an Argive inscription, Mnemosyne 44 (1916). 221. 4. The name is very likely of pre-Greek origin, as assumed by Fick, Vorgriech. Ortsnamen 71, to whom the earlier Μάνσης was, of course, unknown.

Byz.) is only another form for the usual Mvovs in Ionic, and is probably due to the influence of other Asia Minor names in $-\eta s$. Mé $\lambda \eta s$, a river near Smyrna, of which M $\dot{\eta}\lambda \eta s$, $\pi o \tau a \mu \delta s$ Ko $\lambda o \phi \hat{\omega} v o s$ (Hdn. 1. 62. 15; 2. 680. 4), is perhaps only a variant, might be Greek, but more probably belongs with other Asia Minor names.

Such are: 'Aκέλης, river and town in Lydia (Hdn. 1. 69. 15), with which 'Aχέλης, river near Smyrna (Schol. Il. 24. 216) is doubt-less identical; Kάλης, river and town in Bithynia (Κάληξ Thuc. 4. 75; Κάχης Diod. Sic. 12. 72); Πύδης, river and town in Pisidia, gen. Πύδητος and Πύδου (Hdn. 2. 639. 19). From other regions: Βέρης in Thrace, Φάγρης in Paeonia; Ζάμης in Arabia; Μένδης in Egypt; Τύνης, Σέρβης, 'Αδρύμης, and Νίγρης in Africa; 'Ελέης (Strabo 252; cf. acc. Haletem or Heletem Cic.) and Μέμβλης (Lyc. 1083) in Italy; Καβάρης (Hdn. 2. 684. 1) and Κύρης (Hdn. 1. 63. 25) of unknown location.

The name of the river Tigris the Greeks took from the Persian form (OPers. acc. Tigram). Herodotus has $Ti\gamma\rho\eta s$, acc. $Ti\gamma\rho\eta\nu$, while Xenophon, Arrian, Pausanias, etc., have $Ti\gamma\rho\eta s$, $Ti\gamma\rho\eta\tau cs$, with transfer to the τ -type. Cf. $\Pi i\gamma\rho\eta s$, gen. Ion. $\Pi i\gamma\rho\epsilon\omega$, but Att. $\Pi i\gamma\rho\eta\tau cs$ (above, p. 184). The form $Ti\gamma\rho\iota s$ in Strabo, Plutarch, Ptolemaeus, etc., was favored by the current popular etymology (cf. Curt. 4. 9. 16), connecting the name with the Persian word for arrow (Avest. $ti\gamma ris$).

The names $\Lambda i\rho\gamma\eta s$ and $B\dot{a}\beta\rho\eta s$ (Hdn. 2. 680. 14, 22) are doubtless foreign, but there is nothing to show whether they are geographical or personal.

6. Personal names in -âs, -âτos, etc.—The latest extension of the τ-inflection is to the proper names in -âs, and likewise to those in -η̂s, -αν̂s, -εν̂s, -ον̂s, -ω̂s, which are common in late times and normally show vowel inflection. Such forms as Μεγᾶs, Μεγᾶτοs, Δωρᾶτοs, οccur in great numbers in the Egyptian papyri. Cf. Mayser 253 ff., and, for those in -ον̂s, -ον̂τοs, -ω̂s, -ω̂τοs, etc., 274 ff. They are nowhere else so frequent, but examples occur also in inscriptions of Asia Minor, e.g., Pamph. gen. Μελατᾶτυs (Lancoronski 1. No. 92), from Cilicia ἀπολλω̂s, -ω̂τοs (Heberdey, Reisen in Kilikien p. 76), and from Lycia Ζωσιμᾶs, -âτos, Ζωσιμον̂s, -ον̂τοs,

¹ For the various Asiatic forms, cf. Hübschmann, IF. 16. 421.

'Aμαροῦς, -οῦτος, etc.¹ In Ionic inscriptions such names have assumed the δ-inflection, as $B\iota\tau$ âς, -ᾶδος, 'Αγαθοῦς, -οῦδος, etc. But the τ -forms represent an independent extension, not a phonetic variation.

WORD-LIST

WORDS IN -as, -atos AND IN -ηs, -ητος

(Exclusive of those in -tns. -tnros)2

Masculine substantives, unless otherwise indicated

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¹ Cf. CIG. 3. p. 1120; BCH. 16. 213 ff.; Schulze, Berl. phil. Woch. 1893. 226; Kretschmer KZ. 33, 469; Thumb. Griech. Sprache im Zeitalter des Hellenismus 232.

² Also exclusive of the late type of proper names in $-\hat{a}s$, $-\hat{a}\tau os$ (cf. above, p. 186); and of those in $-\hat{\eta}s$, $-\hat{\eta}\tau os$ which represent Egyptian names in the papyri (Mayser 274); further, of some names which show an occasional τ -form in late inscriptions or papyri, as 'E $\rho\mu\hat{\eta}s$, 'H $\rho\alpha\kappa\lambda\hat{\eta}s$, etc. (cf. above, p. 183).

Proper names in - η s which are to be found in Pape's Wörterbuch der griechischen Eigennamen are usually cited without reference.

The ethnica are given in the plural form, for convenience in distinguishing them, even when the singular is in use, e.g., $K\rho\hat{\eta}\tau\epsilon$ s, not $K\rho\hat{\eta}s$.

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